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PHOTOGRAPHIC INTELLIGENCE REPORT

Job# 68-T-31

Box IV

TBILISI/ORKHEVI AIRFIELD



20 DECEMBER 1957
RR-GP/DP-5-57

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PHOTO INTELLIGENCE REPORT

TBILISI/ORKHEVI AIRFIELD



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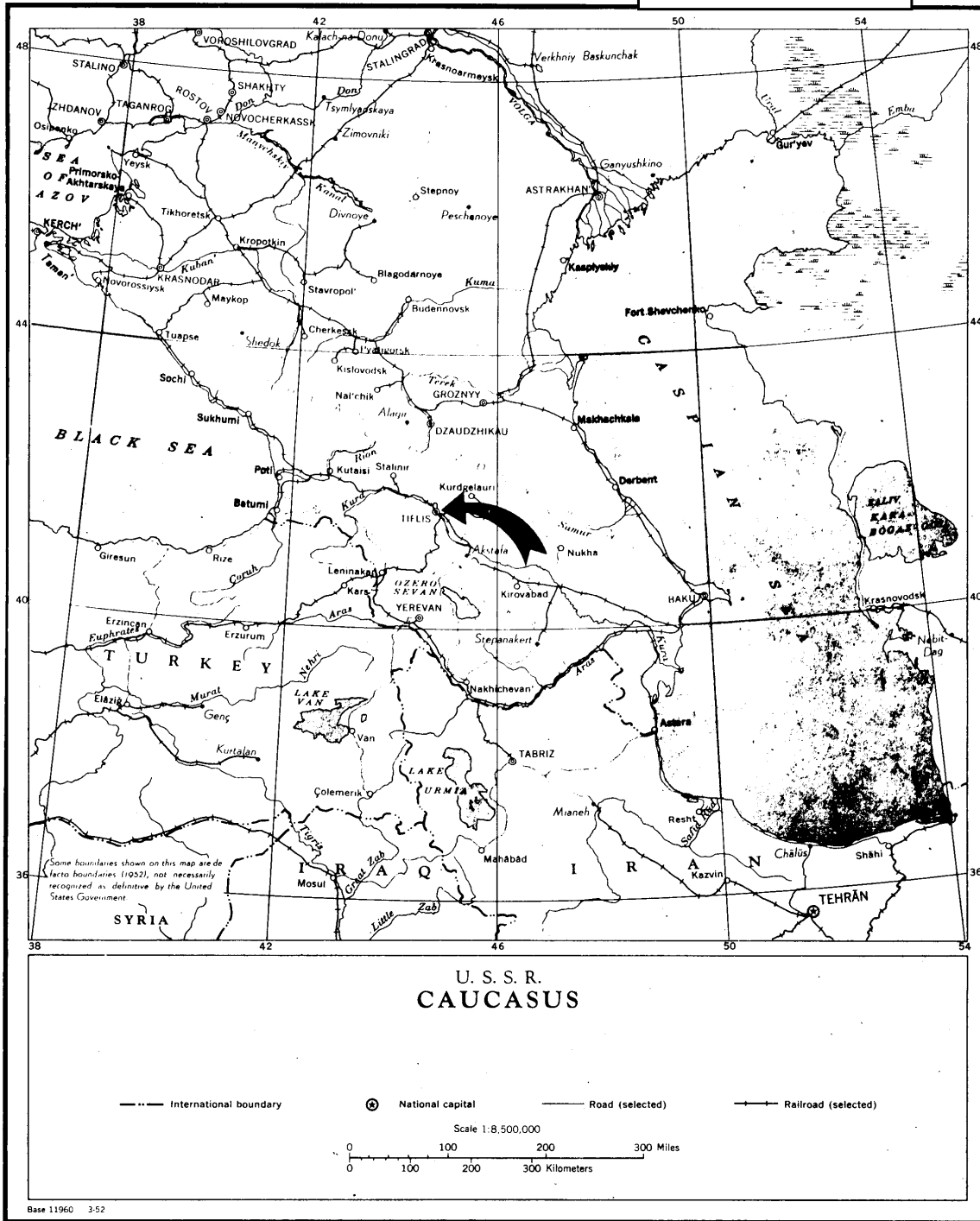
20 December 1957
RR-GP/DP-5-57

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PREFACE

This photo analysis of Tbilisi/Orkhevi Airfield is based on small format photography [redacted] 25X1
[redacted] and has been prepared by the 25X1
Photo Intelligence Division of ORR. This airfield is discussed briefly in two earlier reports, RR-GP/DP-1-57 [redacted] and RR-GP/DP-2-57 [redacted] which are based on different photo coverage. 25X1 25X1

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T BILISI/ORKHEVI AIRFIELD

Orkhevi Airfield (41° 40'N, 44° 57'E) serves as the main civil airfield for Tbilisi (Tiflis) and is located four miles east-southeast of Navtlug, a suburb of the city. The following is a description of airfield facilities and activities not discussed in earlier reports (see Preface).

A ground control approach (GCA) system is located on the north-east side of and parallel to the runway (see perspective sketch.) This system consists of seven vans, two trailers, and one radar mounted on a portable carriage. Six of the vans are mounted on ZIS-151 trucks and the other on a GAZ-51 truck. The system includes the following units: acquisition radar (Cross Fork), surveillance radar (Long Eye), precision approach radar (Home Talk), VHF/RT communication (Discone), VHF direction finder (Small Cross), operations vans, and support and generator vans (see accompanying photographs.)

The "Home Talk" radar is closest to the runway (see plan view.) It consists of one horizontal and one vertical transmission screen which face the southeast end of the runway. One VHF communication antenna can be seen on the front and another on the rear of the van. Just behind this "Home Talk" radar is an operations van with two VHF communication antennas attached on the front. Stretched out approximately ten feet apart in a straight line parallel to the runway are two vans and two trailers which probably house the generators and other support equipment. Next in line is another operations van with

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one VHF communication antenna on the front and a possible observation bubble protruding from the top. The last van in the line houses the "Cross Fork" radar. The "Long Eye" radar, which is parked by itself, is farthest from the runway. It consists of two octangular-sided truncated reflectors mounted back to back on a four-wheel portable carriage, with a canvas cover over the top of the radar. Approximately 250 feet southeast of the "Long Eye" is a van which houses the "Small Cross" direction finder. Cable lines stretch out across the infield to the various vans.

A "Token" radar, previously reported northeast of the main hangar, can also be identified.

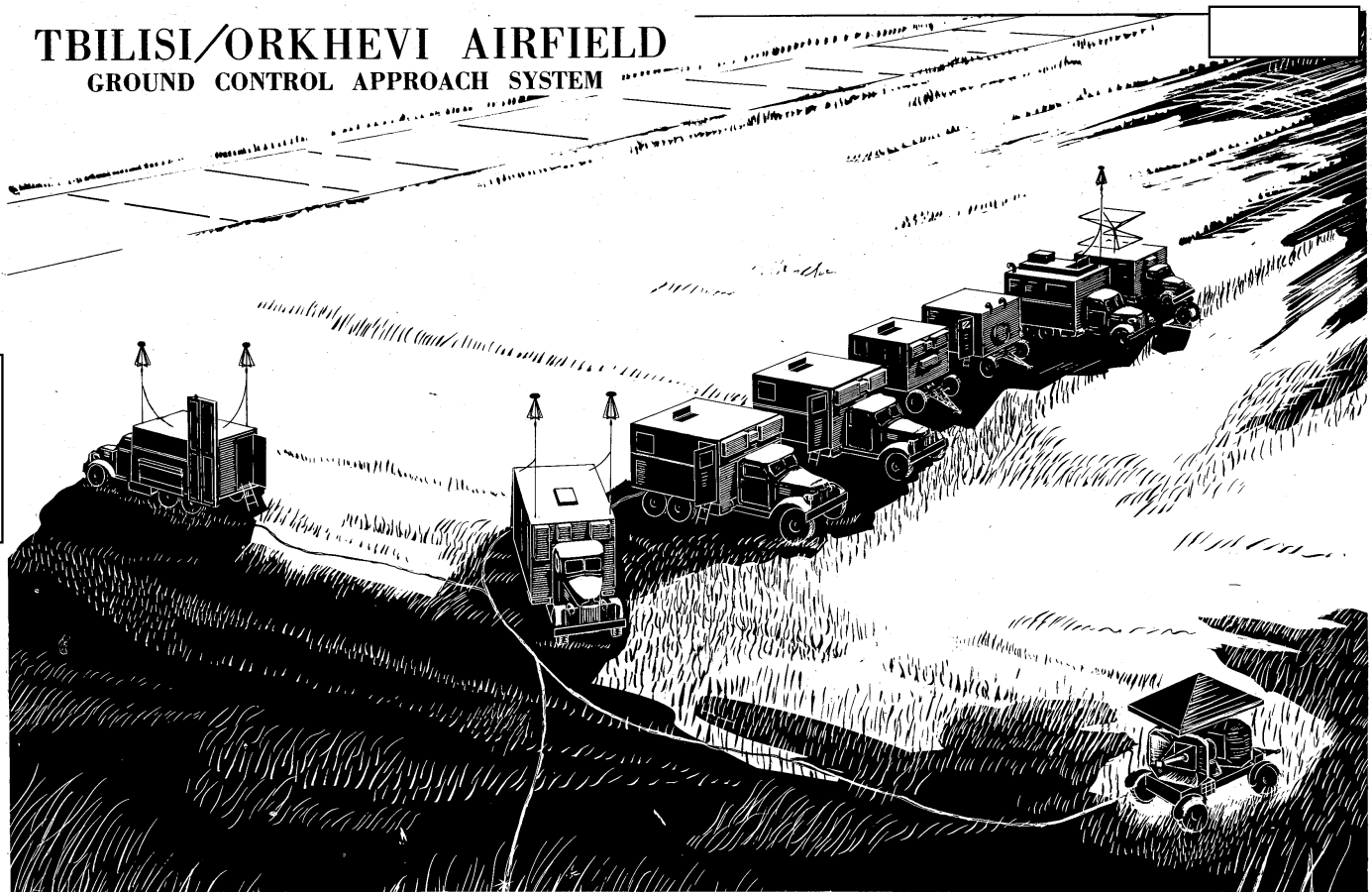
A TU-104 (Camel) jet transport, number SSSR 5418, is located on a parking apron in front of the terminal building. It has probably just landed, and unloading operations are under way. Other aircraft observed consist of three Colts and one possible Crate parked east of the main hangar, and two probable Colts, two possible Crates and five Mules near the small hangar west of the terminal building.

Approximately 157 Soviet soldiers are lined up for inspection on one of the parking aprons.

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TBILISI/ORKHEVI AIRFIELD

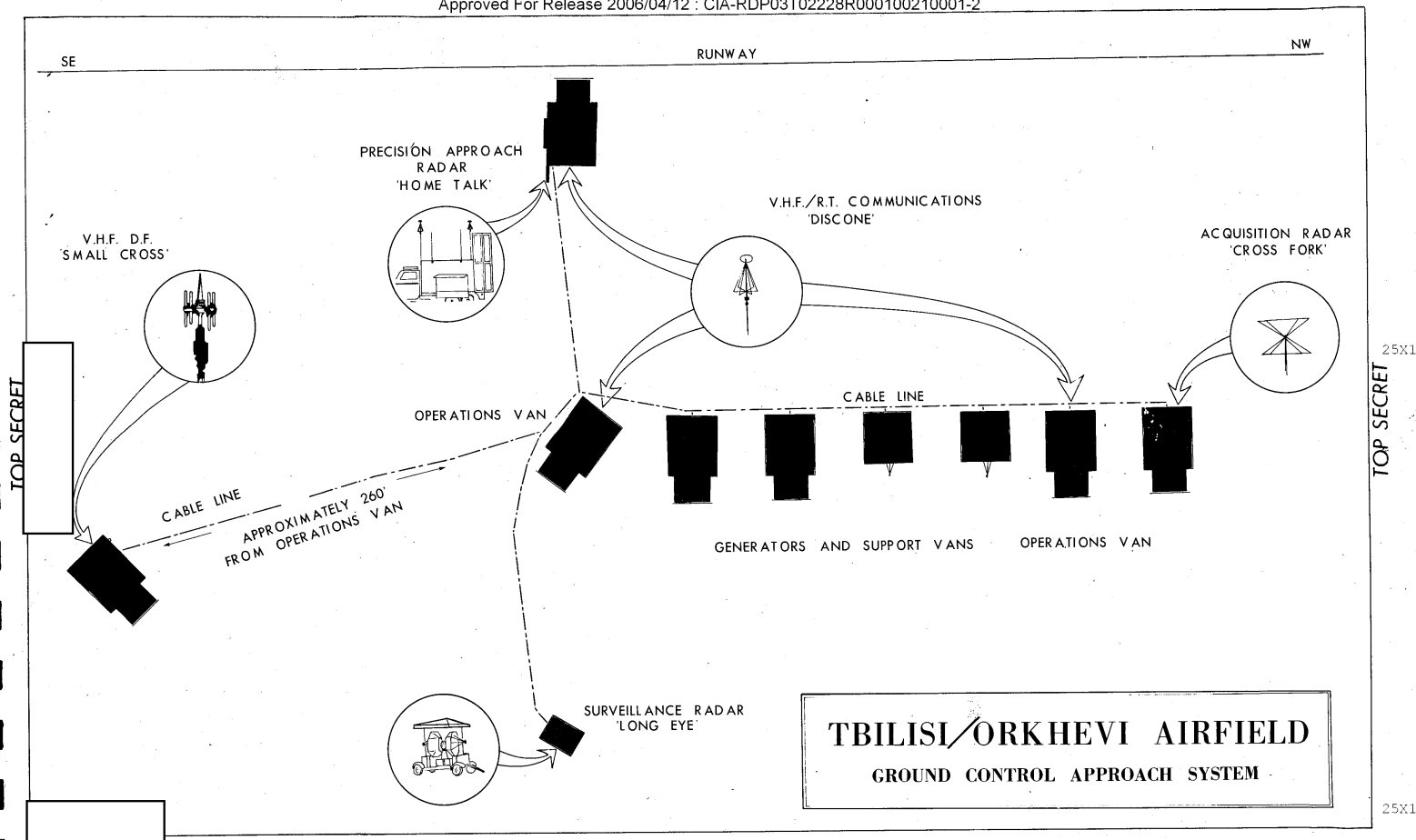
GROUND CONTROL APPROACH SYSTEM



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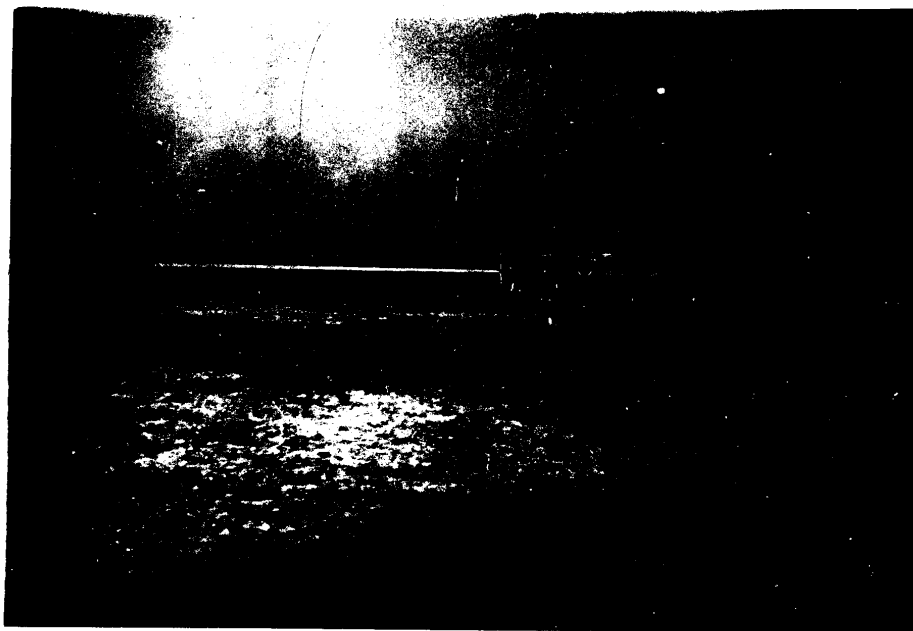
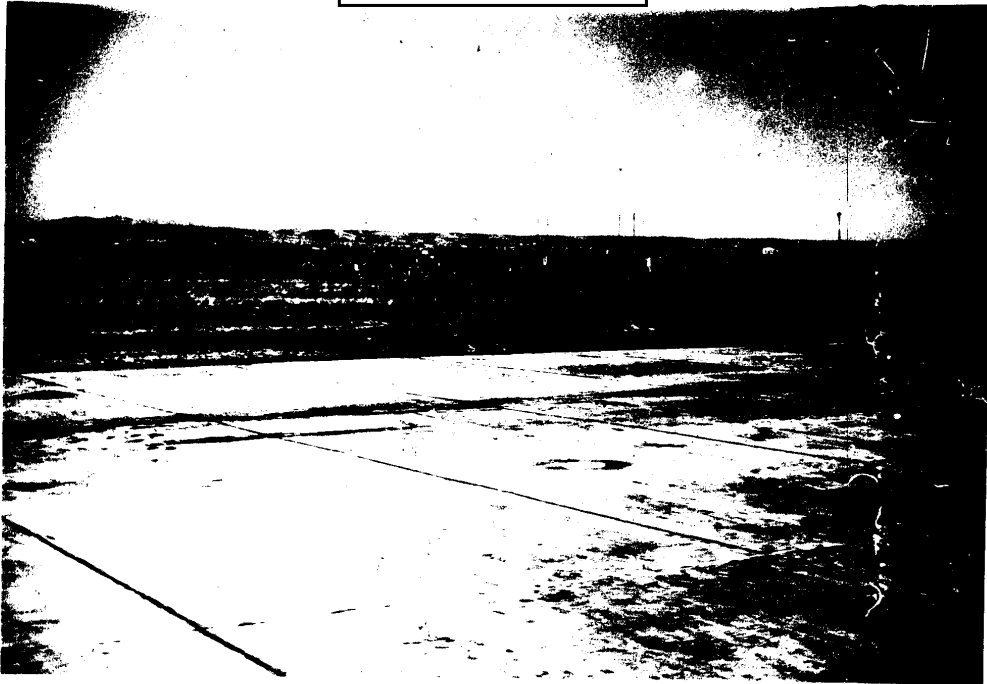
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GROUND CONTROL APPROACH SYSTEM

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